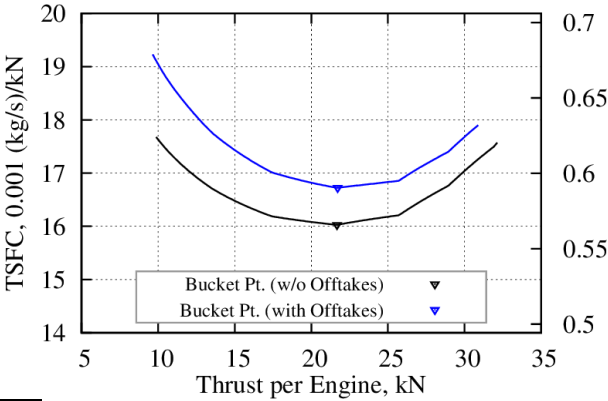


Engine performance datasheets (thrust and fuel flow variation as a function of rotation speed N1, Mach number and altitude) can be downloaded here:
[Engine Datasheets](#)

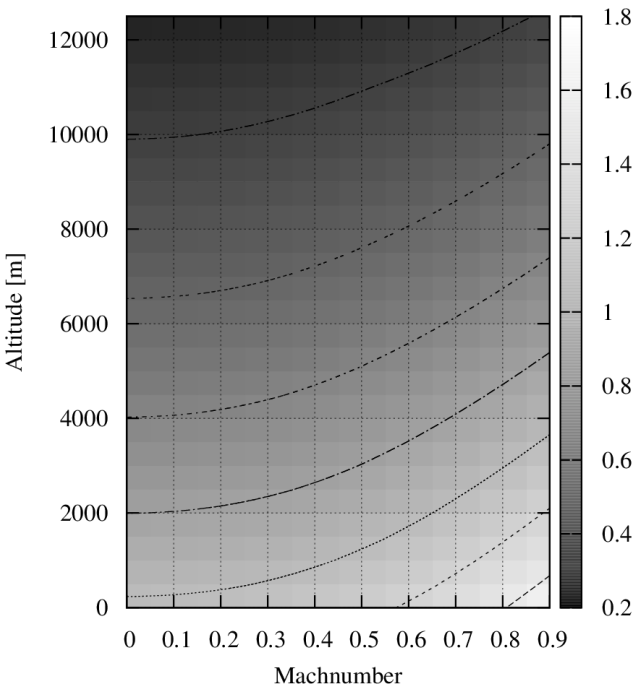
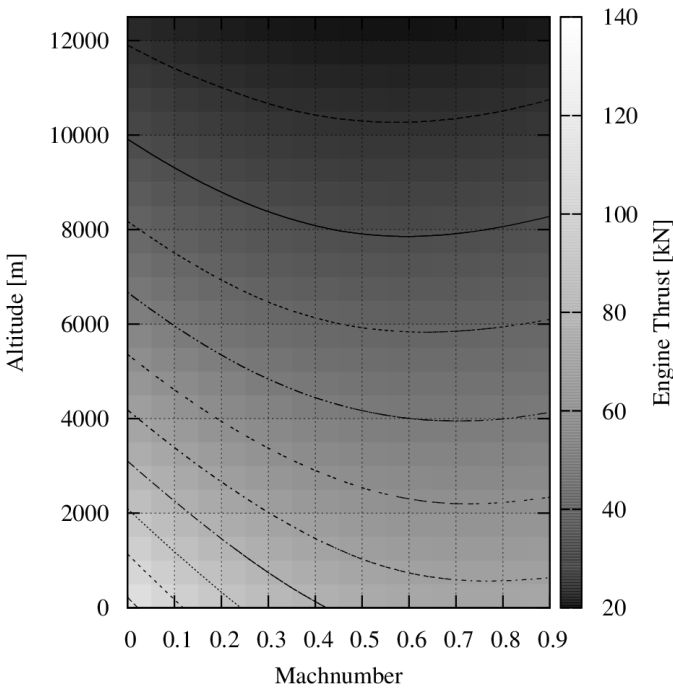
The software GasTurb of GasTurb GmbH (<http://www.gasturb.de/index.html>) has been used to model the CSR-01 thermodynamic engine model.

Definitions and additional explanations can be found under: [Parameter Definitions](#)

Parameter	Unit	Value
Engine Type	-	2 x V2527-A5
SLST (Flat rated thrust @ SL/Ma0/ISA+15)	kN	117.88
	lbf	26500
Equivalent Thrust (1.25-thrust@SL/Ma0.25/ISA+15)	kN	118.6
	lbf	26671
Average cruise offtakes		
- Bleed air	kg/s	0.98
- Shaft power	kW	52



Parameter	Unit	Max. T/O (SL/Ma0.0/ISA +15)	Bucket Pt. (FL350/Ma0.78/ISA)	Bucket Pt. with offtakes (FL350/Ma0.78/ISA/ Avg. Cruise Oftakes)
Thrust	kN	117.9	21.7	21.7
	lbf	26500	4874	4883
Fuel flow	kg/s	1.2	0.3	0.4
	(g/s)/kN	9.96	16.03	16.73
TSFC	(lb/hr)/lbf	0.352	0.566	0.59
N1	%	101.5	85.4	87.5



Last modified on 2015-10-22T10:01:00+01:00